1. **IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Identification of the substance or preparation**
Product name or Trade name: Sikalastic®-841ST Component B

Use of the substance/preparation: Chemical product for construction and industry

**Company/undertaking identification**
Manufacturer/Distributor: Sika South Africa (Pty) Ltd.
9 Hocking Place
Westmead, 3608
South Africa

Telephone no.: +27 (0)31 792 6500
Fax no.: +27 (0)31 700 1760
e-mail address of person responsible for this SDS: headoffice@za.sika.com

2. **HAZARDS IDENTIFICATION**

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS number</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aromatic Amine</td>
<td>68479-98-1</td>
<td>N/E</td>
<td>N/E</td>
<td>0.001mm Hg@Temp 20°C (68°F)</td>
</tr>
<tr>
<td>Polyoxypropylene Diamine</td>
<td>9046-10-0</td>
<td>N/E</td>
<td>N/E</td>
<td>0.9mm Hg@Temp 20°C (68°F)</td>
</tr>
</tbody>
</table>

3. **COMPOSITION/INFORMATION ON INGREDIENTS**

Boiling Point: >308°C (586°F).

4. **FIRST AID MEASURES**

**First aid measures**

**Inhalation**: Remove victim to fresh air, assist breathing if required. Get medical attention as required.
**Ingestion**: Do not induce vomiting. Give water or milk to drink. Seek medical attention. Do not give anything by mouth to an unconscious person.

**Skin contact**: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
**Eye contact**: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**Notes to physician**: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. **FIRE-FIGHTING MEASURES**

**Extinguishing media**

Suitable: Dry chemical, foam & carbon dioxide, water spray (fog).

**Unusual Fire and Explosion Hazards**: None
5. **FIRE-FIGHTING MEASURES**

**Hazardous decombustion or by-products**: Toxic levels of ammonia, combustion products of nitrogen, carbon monoxide, carbon dioxide, irritating aldehydes and ketones may be formed on burning in a limited air supply.

**Special protective equipment for fire-fighters**: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. **ACCIDENTAL RELEASE MEASURES**

**Personal precautions**: Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see section 8).

**Environmental precautions**: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Large spill**: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

**Small spill**: Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container.

7. **HANDLING AND STORAGE**

**Handling**: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

**Storage**: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Packaging materials Recommended**: Use original container.

8. **EXPOSURE CONTROLS/PERSONAL PROTECTION**

<table>
<thead>
<tr>
<th>Ingredient name - V.O.C (Combined Comp.A &amp; B)</th>
<th>Occupational exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N/E</td>
</tr>
</tbody>
</table>

**Recommended monitoring procedures**: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

**Exposure controls**
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Occupational exposure controls** - Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

- **Hygiene measures** - Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

- **Respiratory protection** - If airborne concentrations exceed the TLV, use positive pressure self-contained breathing apparatus.

- **Hand protection** - Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Recommended: Butyl rubber/nitrile rubber gloves.

- **Eye protection** - Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

- **Skin protection** - Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Use barrier skin cream.

- **Environmental exposure controls** - Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

**General information**

**Appearance**

- Form: Liquid.
- Color: Amber.
- Odor: Ammonia-like odour.

**Important health, safety and environmental information**

- Flammable Limits in Air by Volume: Lower: N/E
- Flash point: [>100°C (212°F)]
- Density (H2O = 1.00): 1.03 g/cm³ [20°C (68°F)]

10. STABILITY AND REACTIVITY

- **Stability**: The product is stable under normal conditions of storage and use.

- **Conditions to avoid**: Heat, high temperature, open flame, sparks and moisture

- **Materials to avoid**: This material will react with any material containing strong acids and isocyanates.

- **Hazardous decomposition or by-products**: Toxic levels of Ammonia, combustion products of Nitrogen, Carbon Monoxide, Carbon Dioxide, irritating Aldehydes and Ketones may be formed during combustion.

11. TOXICOLOGICAL INFORMATION

**Potential acute health effects**

- **Inhalation**: May cause irritation to mucous membranes in the respiratory tract (nose, throat, lungs). Severe overexposure may induce respiratory sensitization with asthma-like symptoms.

- **Ingestion**: Can cause gastrointestinal disturbances (Burning mouth & throat, abdominal & chest pain, nausea, vomiting, diarrhea, thirst, weakness and collapse).

- **Skin contact**: May be absorbed through skin and cause nausea, headache & general discomfort.

- **Eye contact**: May cause eye irritation (chemical burn). Severe eye damage may cause blindness.

- **Chronic effects**: Repeated skin contact causes irritation and dermatitis. Repeated inhalation may cause lung damage.

**Date of issue**: 14.12.2009.  
**MSDS no.**: FC-9  
**Page**: 3/4
12. ECOLOGICAL INFORMATION

Environmental effects : Avoid contact of spilled material and runoff with soil and surface waterways. Do not empty into drains; dispose of this material and its container in a safe way.

13. DISPOSAL CONSIDERATIONS

Methods of disposal : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Packaging : Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor.

14. TRANSPORT INFORMATION

International transport regulations

ADR
Not regulated.

IMDG
Not regulated.

Marine pollutant : No.

IATA
Not regulated.

15. REGULATORY INFORMATION

EU regulations -
Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC - (including amendments) and take into account the intended product use. -

Classification : This product is not classified according to EU legislation. -

16. OTHER INFORMATION

History
Date of printing : 14.12.2009
Date of issue : 14.12.2009
Date of previous issue : No previous validation.

Notice to reader
The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the Technical Data Sheet prior to any use and processing.